

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : **2002-348282**

(43)Date of publication of application : **04.12.2002**

(51)Int.Cl.

C07D277/06

(21)Application number : **2001-158362** (71)Applicant : **mitsubishi gas chem  
co inc**

(22)Date of filing : **28.05.2001** (72)Inventor : **TAMURA YUTAKA**

(54) **PRODUCTION METHOD FOR 1,3-THIAZOLIDINE-4-CARBOXYLIC  
ACID AMIDE**

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a practical method for producing 1,3-thiazolidine-4- carboxylic acid amide which is useful as an intermediate for producing industrial chemicals, agricultural chemicals and medicinal drugs.

SOLUTION: An amide having a specific structure represented by penicillamin amide is reacted with acetone in water solvent at a reaction temperature of 10 to 60°C to give 1,3-thiazolidine-4-carboxylic acid amide. In this case, a sufficient reaction rate is obtained without using a catalyst.

## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of  
rejection]

[Kind of final disposal of application other  
than the examiner's decision of rejection or  
application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's  
decision of rejection]

[Date of requesting appeal against  
examiner's decision of rejection]

[Date of extinction of right]